

Title (en)

FLAME RETARDANT INSULATING MATERIAL FOR AN ELECTRICAL CABLE AND ELECTRICAL CABLE MADE WITH SUCH A MATERIAL

Publication

**EP 0010586 B1 19831221 (FR)**

Application

**EP 79103159 A 19790827**

Priority

FR 7831467 A 19781107

Abstract (en)

[origin: US4324863A] A fire-proofed material for an electric cable, said material including a matrix made of a copolymer of propylene and of ethylene, high-density polyethylene or thermoplastic polyester, a fire-proofing agent which is halogenated and is formed by a cyclic derivative of pentaerythritol, an aliphatic or cyclo-aliphatic derivative which is stable at the extrusion temperature of the matrix and decomposes at a higher temperature and a mineral compound of antimony which is able to react with the bromine of the fire-proofing agent during combustion.

IPC 1-7

**H01B 7/34**; **H01B 3/44**; **H01B 3/42**

IPC 8 full level

**C08K 3/04** (2006.01); **C08K 3/22** (2006.01); **C08K 5/01** (2006.01); **C08K 5/02** (2006.01); **C08K 5/05** (2006.01); **C08K 5/52** (2006.01); **C08K 13/02** (2006.01); **C08L 7/00** (2006.01); **C08L 21/00** (2006.01); **C08L 23/00** (2006.01); **C08L 23/02** (2006.01); **C08L 67/00** (2006.01); **C08L 101/00** (2006.01); **H01B 3/30** (2006.01); **H01B 3/44** (2006.01); **H01B 7/295** (2006.01)

CPC (source: EP US)

**H01B 3/441** (2013.01 - EP US); **H01B 7/295** (2013.01 - EP US); **Y10S 521/907** (2013.01 - EP US); **Y10T 428/2958** (2015.01 - EP US)

Cited by

US4659871A; AU570261B2

Designated contracting state (EPC)

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**EP 0010586 A1 19800514**; **EP 0010586 B1 19831221**; **EP 0010586 B2 19870415**; CA 1129636 A 19820817; DE 2966496 D1 19840126; JP S5565244 A 19800516; JP S6234783 B2 19870729; US 4324863 A 19820413

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